

ABSTRACT OF THE DISCLOSURE

A pointing position detection device is provided which, along with enabling a human being to perform pointing operation in a natural manner, can perform detection at high accuracy. The device detects the presence of a human being from an image photographed by cameras and a position at which the human being is pointing, and which includes: a section which, based upon the image, detects a head position of the human being, including at least distance information; a section which, based upon the image, detects a hand position of the human being, including at least distance information; a section which, based upon the hand position, calculates a hand tip position and a main axis of the hand; and a section which detects a pointing direction, based upon the head position, the hand tip position, and the main axis, wherein the pointing position is detected based upon the pointing direction.